

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102020\
 Data File : VD067330.D
 Acq On : 20 Oct 2020 18:02
 Operator : VA/SY
 Sample : L4436-10
 Misc : 11.76G/5.00ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 37A

Quant Time: Oct 21 02:49:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	296616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	505774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	498706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	237523	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	170374	57.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.66%	
35) Dibromofluoromethane	7.92	113	170191	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	10.34	98	605634	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.64	95	209533	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

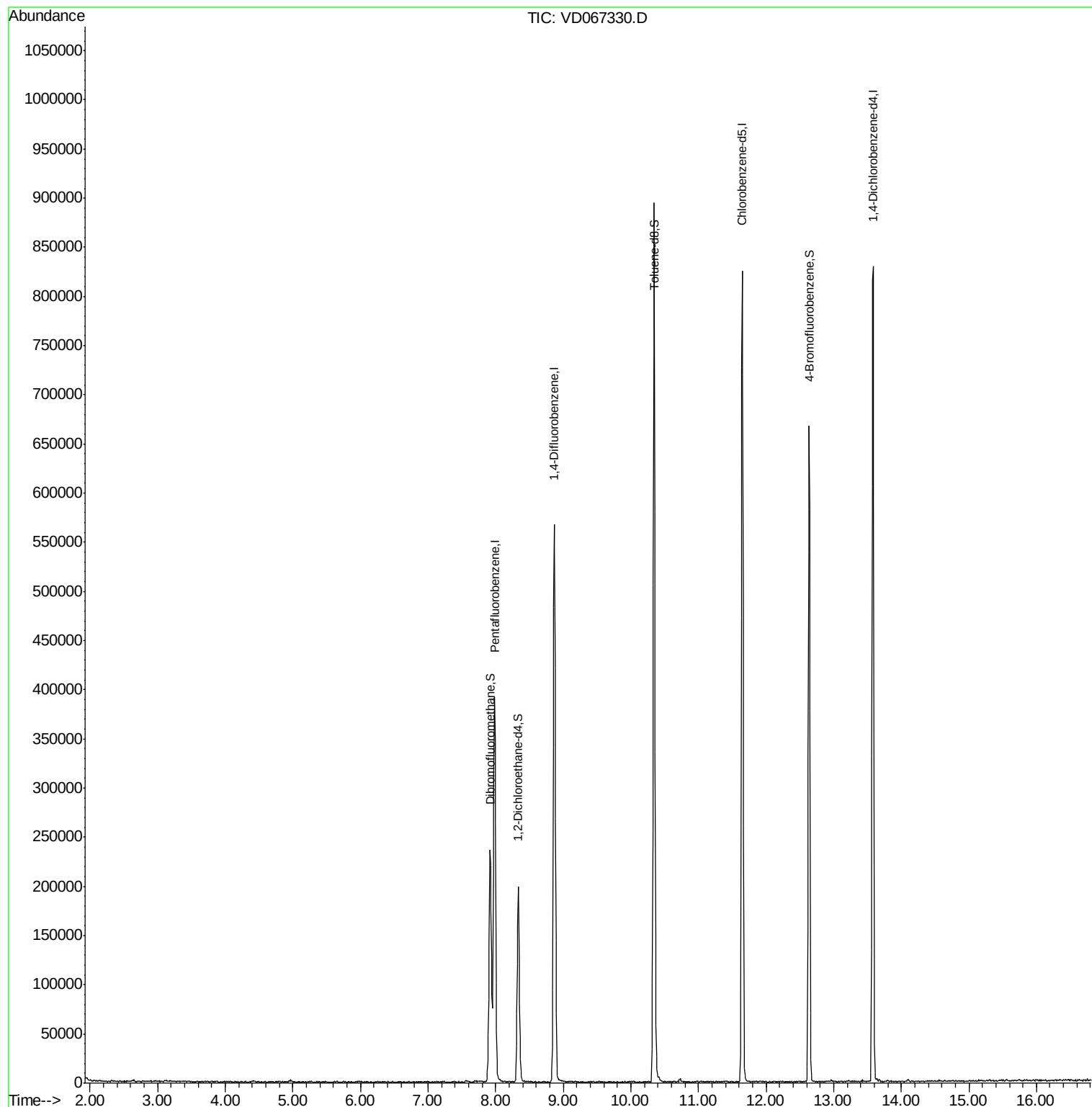
Target Compounds	Qvalue

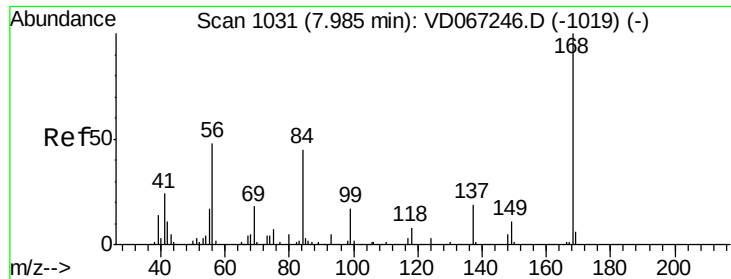
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067330.D

Acq: 20 Oct 2020 18:02

Instrument :

MSVOA_D

ClientSampleId :

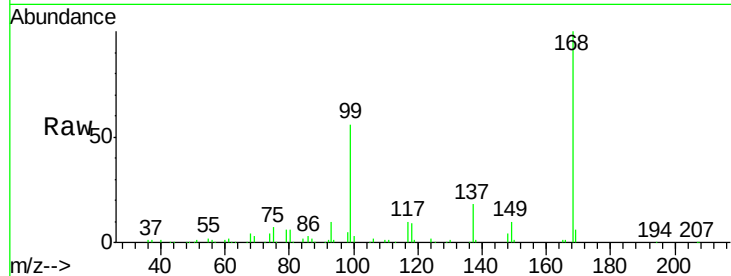
37A

Tot Ion:168 Resp: 296616

Ion Ratio Lower Upper

168 100

99 56.3 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

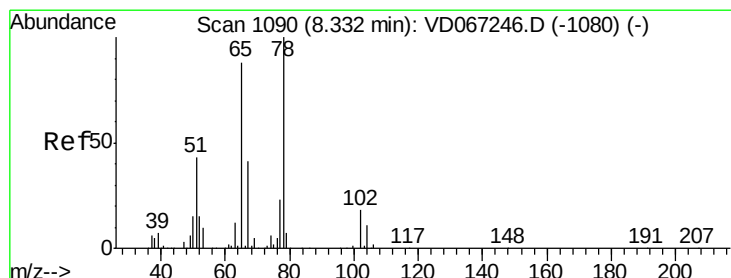
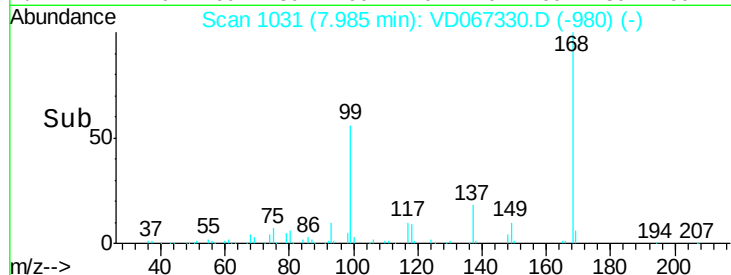
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.333 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067330.D

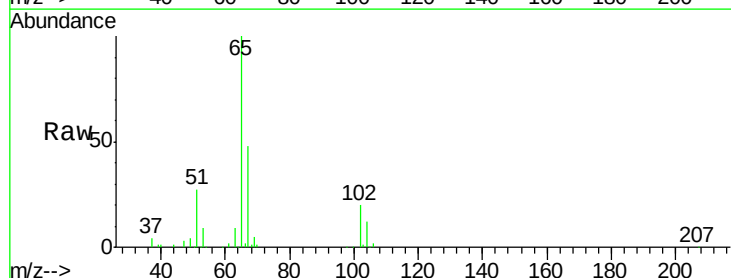
Acq: 20 Oct 2020 18:02

Tgt Ion: 65 Resp: 170374

Ion Ratio Lower Upper

65 100

67 48.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

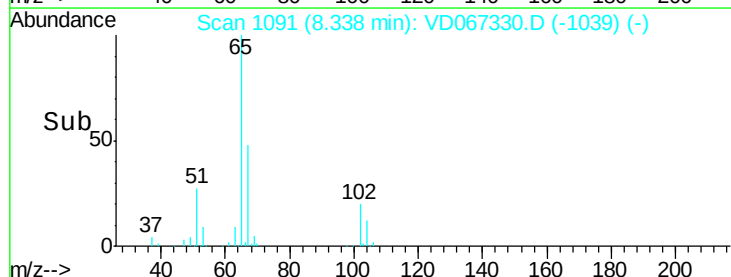
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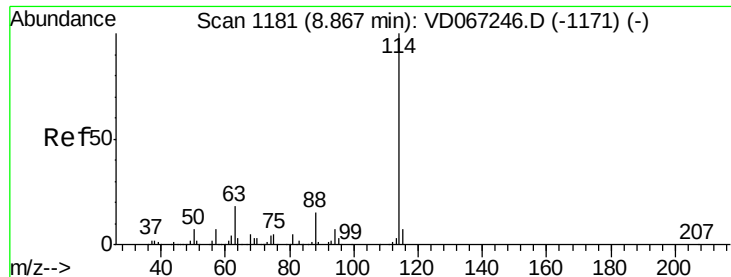
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20000

0

Time-->

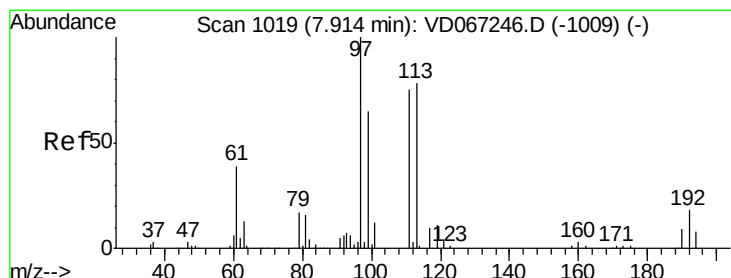
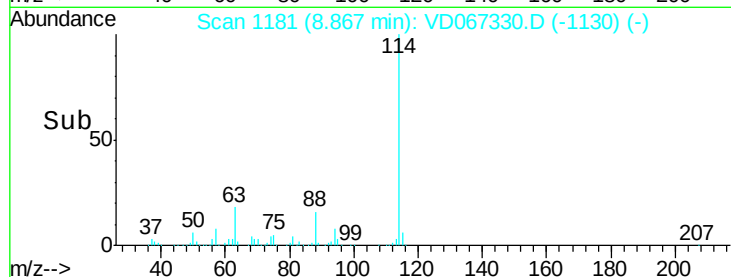
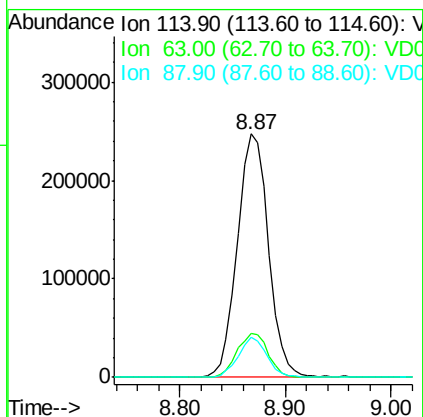
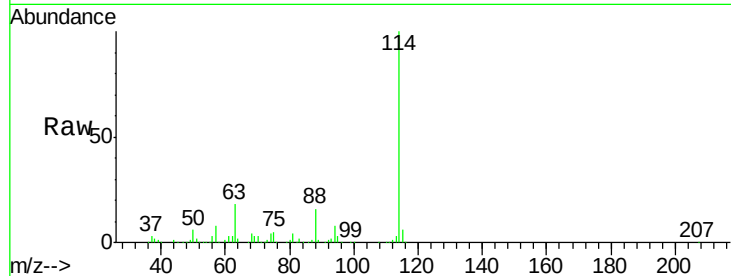




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067330.D
 Acq: 20 Oct 2020 18:02

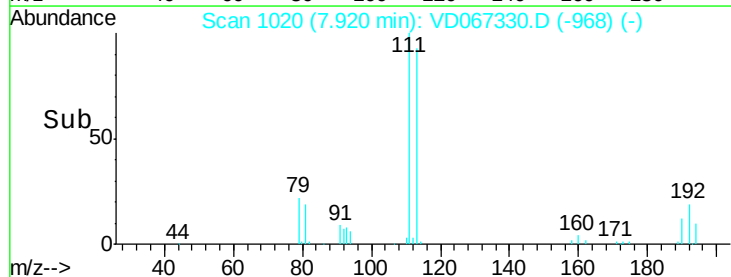
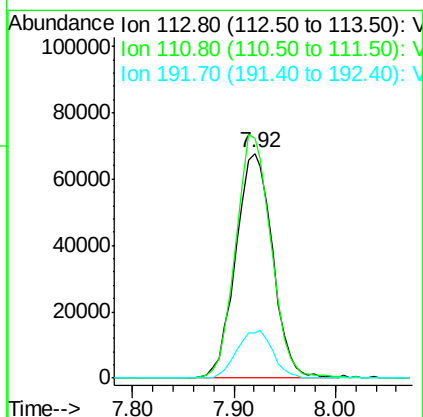
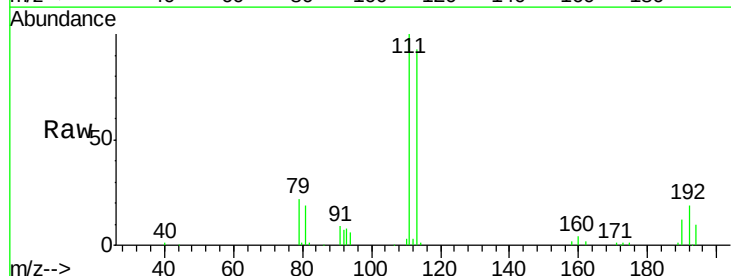
Instrument :
 MSVOA_D
 ClientSampleId :
 37A

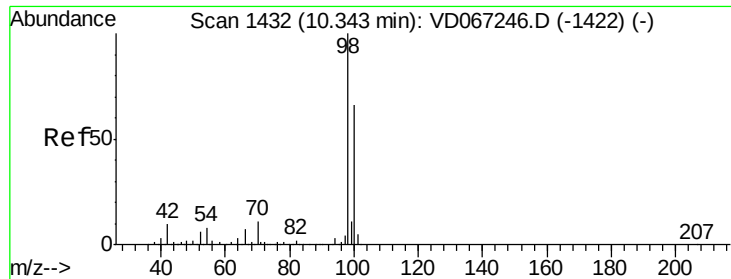
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.2	0.0	35.0
88	16.3	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 50.563 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067330.D
 Acq: 20 Oct 2020 18:02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	81.6	122.4
192	20.6	17.0	25.4





#50

Toluene-d8

Concen: 49.719 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067330.D

Acq: 20 Oct 2020 18:02

Instrument :

MSVOA_D

ClientSampleId :

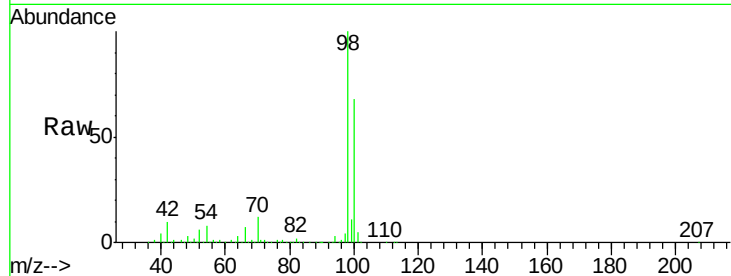
37A

Tot Ion: 98 Resp: 605634

Ion Ratio Lower Upper

98 100

100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC

10.34

300000

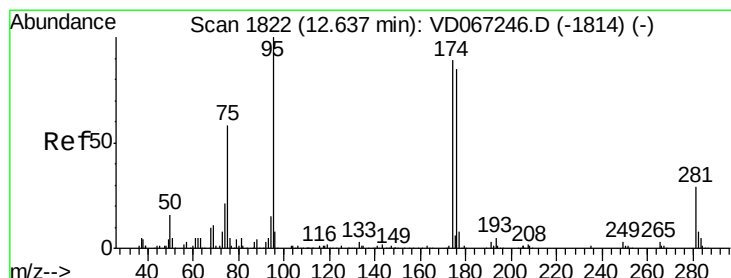
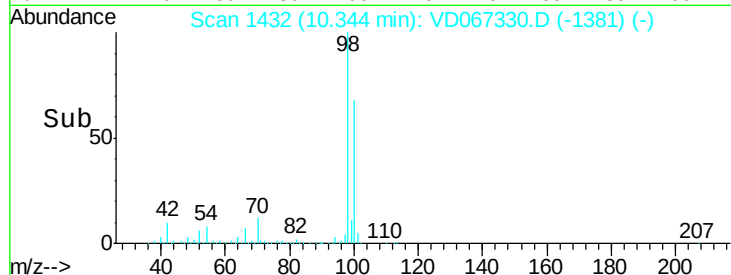
200000

100000

0

Time-->

10.30 10.40



#62

4-Bromofluorobenzene

Concen: 49.470 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067330.D

Acq: 20 Oct 2020 18:02

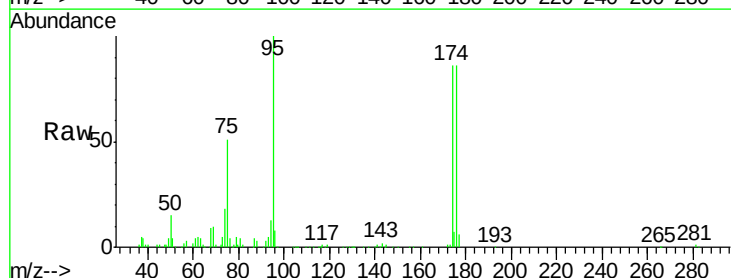
Tgt Ion: 95 Resp: 209533

Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.2

176 84.4 0.0 168.6



Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

12.64

150000

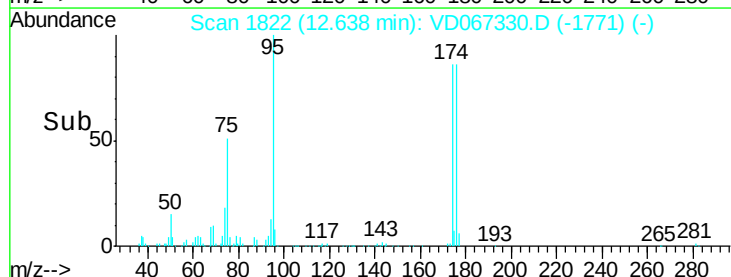
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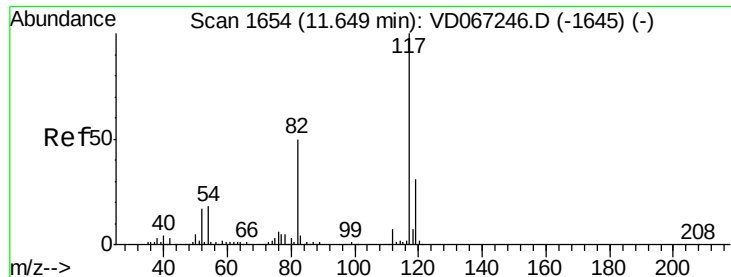
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0

Time-->

12.55 12.60 12.65 12.70

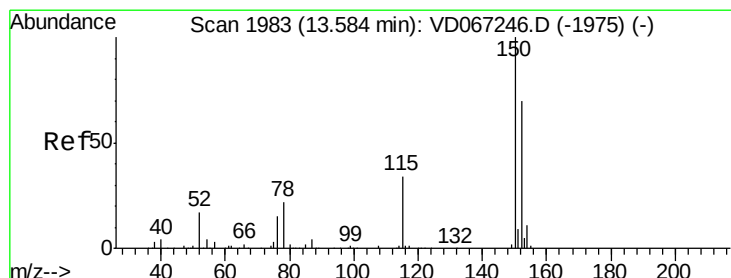
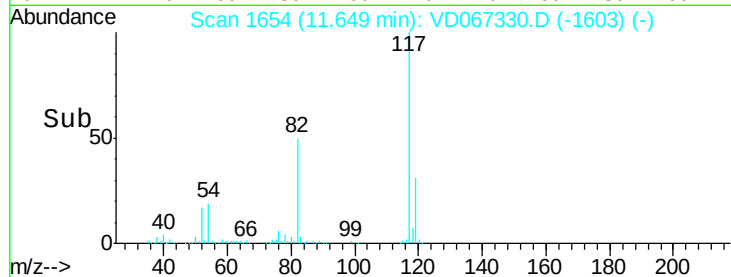
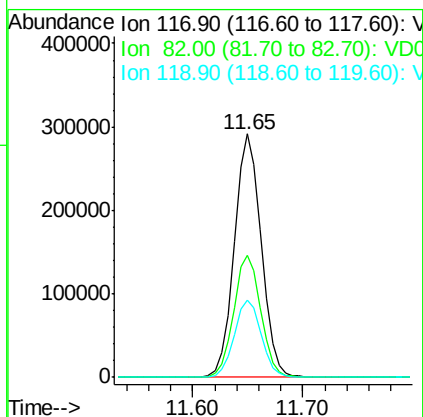
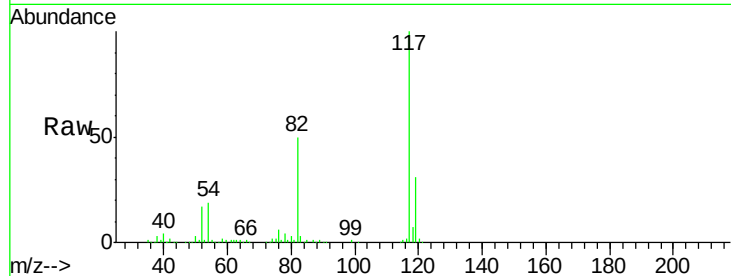




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067330.D
Acq: 20 Oct 2020 18:02

Instrument :
MSVOA_D
ClientSampleId :
37A

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.2	39.9	59.9
119	31.5	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067330.D
Acq: 20 Oct 2020 18:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.3	87.9
150	153.8	0.0	339.0

